

Fareham Urban District Council.

REPORT

OF THE

Medical Officer of Health

AND

Medical Superintendent Isolation

Hospital

1938

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FAREHAM :
SUTTONS PRINTING WORKS
10 East Street.

URBAN DISTRICT COUNCIL OF FAREHAM.

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Urban District Council of Fareham.

*To the Chairman and Members of the
Fareham Urban District Council.*

Ladies and Gentlemen,

I have the honour to submit my Annual Report upon the health of the District, and the work of the Public Health Department for the year 1938.

The report is in accordance with Circular No. 1728 of the Ministry of Health, dated the 25th October, 1938.

The Register General's estimate of the mid-year population is 30,450 an increase of 1850 persons.

It is worthy of note that the Birth Rate is 20.06 per 1,000, compared with 19.1 for 1937, and 15.1 for England and Wales, whilst the corrected Death Rate is 9.6 per 1,000, compared with 10.9 for 1937, and 11.6 for England and Wales.

The Infant Mortality Rate is 50.7 per 1,000 live births, compared with 53.0 for England and Wales.

In conclusion, I would like to express my thanks to the members of the Council, and especially to the Chairman and Members of the Public Health and General Purposes Committee, for their helpful co-operation.

I also appreciate the efficient way the work is carried out by the staff of the Public Health Department, and especially for the help of Mr. R. J. Baker, the Chief Sanitary Inspector.

I have the honour to be,

Ladies and Gentlemen,

Your obedient Servant,

A. R. GRAHAM.

Medical Officer of Health.

Section A.—Statistics and Social Conditions of the Area.

Area in Acres, 18,352.

Population (Registrar General's Estimate mid 1938) 30,450.

Number of inhabited houses (end of 1938) according to Rate Books, 9,851.

Rateable Value £214,011.

Sum represented by a penny rate, estimated for 1938-39, £845.

Natural and Social Conditions of the Area.

The District is bounded on the South and South-West by the Solent and Southampton Water, and on the West by the Hamble River. On the East the ramifications of Portsmouth Harbour encroach upon it. It is of a flat nature, the Northern part being situated on rising ground. The soil is comprised chiefly of gravel and clay, but on the North-East portion it is mostly of a chalky subsoil. The chief industrial undertakings that come under the heading of Factories, include Brick and Tile Works at Sarisbury and Fareham, Breweries at Titchfield and Fareham, Laundries at Warsash and Fareham. Artificial Manure and Fertilizer Works at Portchester, Gas Works at Titchfield and Electricity Works at Fareham. Boat Building and repairs are carried out at Warsash and Fareham. The inhabitants of the Western portion of the district are chiefly employed in fruit growing. A Cattle Market is held in Fareham weekly.

Vital Statistics.

		<i>M</i>	<i>F</i>	<i>Total</i>	
Live Births	Legitimate	295	297	592	Birth Rate 20.06 per 1,000
	Illegitimate	7	12	19	
		302	309	611	

Live Birth Rate for England and Wales 15.1 per 1,000.

		<i>M</i>	<i>F</i>	<i>Total</i>	
Still Births	Legitimate	16	7	23	Rate per 1,000 total (live and still) births 20.8
	Illegitimate	1	—	1	
		17	7	24	

	<i>M</i>	<i>F</i>	<i>Total</i>	
Deaths ...	177	157	334	Recorded Death Rate 10.9 per 1,000
				Corrected Death Rate 9.6 per 1,000
				Death Rate for England and Wales 11.6 per 1,000.
Deaths from	{	From Sepsis ...	1.	Rate per 1,000 total births 1.57
Puerperal		„ other causes	1.	Rate per 1,000 total births 1.57
causes		TOTAL ...	2.	Rate per 1,000 total births 3.14
Death Rate of Infants under one year of age:				
All Infants per 1,000 live births	...	...	...	50.7
Legitimate Infants per 1,000 legitimate live births...				50.67
Illegitimate Infants per 1,000 illegitimate live births				52.63
Deaths from Cancer (all ages)	...	...	...	45
„ „ Measles (all ages)	...	...	...	2
„ „ Whooping Cough (all ages)	...	...	...	—
„ „ Diarrhoea (under two years of age)	...	...	...	3

Causes of Deaths in Fareham Urban District, 1938.

All Causes:—*Males 177: Females 157.*

CAUSES OF DEATH:	<i>M</i>	<i>F</i>
1 Typhoid and Paratyphoid Fever ...	—	—
2 Measles	—	2
3 Scarlet Fever	1	—
4 Whooping Cough	—	—
5 Diphtheria	—	—
6 Influenza	4	—
7 Encephalitis Lethargica	1	—
8 Cerebro Spinal Fever	—	—
9 Tuberculosis of respiratory system ...	7	5
10 Other Tuberculous diseases	3	1
11 Syphilis	—	—
12 General Paralysis of the insane, tabes dorsalis	2	—
13 Cancer, malignant disease	18	27
14 Diabetes	2	3
15 Cerebral Hæmorrhage, etc.	10	8
16 Heart Disease	47	37
17 Aneurysm	—	—
18 Other circulatory diseases	6	10
19 Bronchitis	3	2
20 Pneumonia (all forms)	7	4
21 Other respiratory diseases	4	1
22 Peptic Ulcers	2	—
23 Diarrhoea, etc. (under two years) ...	3	1
24 Appendicitis	2	—

Causes of Death—Continued.

CAUSES OF DEATH:					M	F
25	Cirrhosis of Liver	...	...	...	1	—
26	Other diseases of Liver, etc.	...	...	...	3	2
27	Other digestive diseases	...	...	...	1	6
28	Acute and Chronic Nephritis	...	...	...	4	1
29	Puerperal Sepsis	...	...	...	—	1
30	Other Puerperal causes	...	...	...	—	1
31	Congenital Debility, Premature Birth, Malformation, etc.	...	...	...	13	12
32	Senility	...	...	...	12	21
33	Suicide	...	...	...	3	2
34	Other Violence	...	...	...	4	1
35	Other defined diseases	...	...	...	14	9
36	Causes ill-defined or unknown	...	...	...	—	—
Special Causes (<i>included in No. 35 above</i>):						
	Small Pox	...	...	...	—	—
	Poliomyelitis	...	...	...	—	—
	Polioencephalitis	...	...	...	—	—
					M	F
Deaths of Infants under one year:		Total	...	...	17	14
		Legitimate	...	...	16	14
		Illegitimate	...	...	1	—

Section B.—General Provisions of Health Services for the Area.

Public Health Officers.—A. R. Graham, M.B., CH.B., D.P.H., Medical Officer of Health, R. J. Baker, M.R. SAN. I., M.S.I.A., Chief Sanitary Inspector and Meat Inspector; M. T. Parry, A.R. SAN. I., M.I.H., Sanitary Inspector, and L. R. Campbell, Clerk.

Laboratory Facilities.—The Hampshire County Council provide full facilities for Chemical and Bacteriological examinations.

The following statement on the number of specimens examined from this District during the year has been kindly supplied by the County Medical Officer:—

Chemical Laboratory:

Water samples for chemical and bacteriological examination	...	...	...	41
Pickles for Poisons				1

Bacteriological Laboratory:

Milk for tubercle bacilli	...	...	...	12
Haem. Strep. swabs	...	...	...	70
Faeces—Typhoid and Malta Fever	...	...	...	6
Urine — " " "	...	...	...	6
Blood—abortis	...	...	...	4
Pleural fluid	...	...	...	1
C.S. Fluid	...	...	...	1
Path. Specimen—Post Mortem type	...	...	...	1
Diphtheria Swabs—Positive	...	...	...	42
Negative	...	...	...	426
Diphtheria Swabs—Positive	...	...	...	4
(taken at school)—Negative	...	...	...	20
Sputum for T.B.—Positive	...	...	...	3
Negative	...	...	...	87
Sputum for T.B.—Patients attending				
Gosport Dispy.—Positive	...	...	...	10
Negative	...	...	...	16
Gonococci—Baby's eye smear	...	...	...	1
Bloods for typhoid—Positive	...	...	...	3
Negative	...	...	...	24
Bloods for Wassermann—Positive	...	...	...	1
Negative...	...	...	...	2
Virulence tests—non-virulent	...	...	...	2
Hairs for Nits—Positive	...	...	...	1
Histological Section—P.M. case	...	...	...	1

Ambulance Facilities.—The Fareham Urban District Council provide an Ambulance for removal of Infectious Cases. A Motor Ambulance is also provided by the Red Cross Society for removal of General and Accident Cases. This seems quite adequate for the District.

Nursing in the Home.—The District is fairly well off for midwives and nurses for Home nursing; some are assisted by voluntary contributions.

Clinics and Treatment Centres.—The County Council provide the following Clinics within the area of the Fareham Urban District:

Five Maternity and Welfare Clinics.

One Ante-Natal Clinic.

One Eye Clinic.

Orthopædic Clinic.

One Dental Clinic.

Hospitals.—PUBLIC.—Infectious Diseases Hospital is situated in Fareham West Ward and is the property of the Council. Cases are received from Fareham and part of the Droxford Rural District.

SMALL POX.—Accommodation for these cases is provided by the County Council.

TUBERCULOSIS.—Sanatorium treatment is provided by the County Council and cases are treated at the Dispensary, Clarence Square, Gosport.

VOLUNTARY.—There is no voluntary hospital within the boundaries of the Urban District. Hospitals at Southampton, Portsmouth and Winchester are within easy reach.

Fareham Public Assistance Committee has accommodation for necessitous cases.

MATERNITY.—At present, patients requiring hospital treatment go to St. Mary's Hospital, Portsmouth, or in necessitous cases to the Public Assistance Institution, Fareham.

In view of the increasing population, other provision may require to be made in the future.

Section C.—Sanitary Circumstances of the Area.

Water Supply.—The District is supplied with water from various sources, namely:—

1. FAREHAM.—Fareham Waterworks.
2. PORTCHESTER.—The Portsmouth Waterworks Company.
3. CROFTON.—The Gosport Waterworks Company.
4. SARISBURY, TITCHFIELD and WARSASH.—The Southampton Waterworks Company.

Fareham.—The Fareham Waterworks are the property of the Fareham Urban District Council and supply all the Fareham East and West Wards except for a few houses, which for convenience are supplied by the Gosport water mains.

The consumption of water from the Fareham Waterworks for the year was 184,360,000 gallons, an increase above the preceding year of 11,412,000 gallons.

The number of houses supplied from the Council's mains is 4,483, an increase of 435 houses above the preceding year, a rapidly increasing figure. Two miles of main were laid during the year.

The supply of water is obtained from wells and headings in an old chalk pit, and the yield of water is ample for the supply of the area.

The work of re-organising the Pumping Station is now nearing completion. Three new pumps have been installed, which are driven by electricity off the grid system, and an oil engine to generate electricity has been installed as a stand-by.

Two years ago it was found that the water, on analysis, was not quite satisfactory. Since that date, chlorination has been carried out. The Council is now about to instal an up-to-date chlorination plant and also to extend the drainage system in the vicinity of the Waterworks and gathering ground, in order to prevent, so far as possible, any contamination to the supply from the neighbouring farms, etc.

Quality of the Water.—The following Bacterological and Chemical Examinations were made during the year:—

<i>Date.</i>	<i>Lab. No.</i>	<i>Situation.</i>	<i>Result.</i>
17/1/38	9681	Standpipe at 2 Deerstalker Cotts. Catisfield	This is a satisfactory water for a Public Supply.
15/2/38	8891	Standpipe at 10 South Wallington, Fareham.	This is a satisfactory water for a Public Supply.

15/3/38	9899	Standpipe at 11 Earls Road, Fareham.	This water is barely satisfactory for a Public Supply.
21/3/38	9917	Standpipe at 1 Earls Road, Fareham.	This water cannot be considered satisfactory for a Public Supply
23/3/38	L.6366	Standpipe at 39 Earls Road, Fareham.	Pure and wholesome water, suitable for drinking and domestic purposes.
29/3/38	9958	Standpipe at The Cottage, Titchfield Rd., Fareham.	This is a satisfactory water for a Public Supply.
29/3/38	L.6521	Standpipe at The Cottage, Titchfield Rd., Fareham.	Pure and wholesome water, suitable for drinking and domestic purposes.
20/4/38	30	Standpipe at 79 Old Turnpike, Fareham.	This is a satisfactory water for a Public Supply.
23/5/38	100	Standpipe at "Rosedene," Redlands Lane, Fareham.	This is a satisfactory water for a Public Supply.
28/6/38	208	Fareham Public Supply, "Four Oaks," High-lands Road, Fareham.	This is a satisfactory water for a Public Supply.
22/8/38	M.3689	Standpipe at Westbury Manor, Fareham	Pure and wholesome water, suitable for drinking and domestic purposes.
19/9/38	452	Standpipe at 59 Old Turnpike, Fareham.	The number of organisms present is high, but there is no other indication of any pollution. The contamination is probably local.
27/9/38	481	Standpipe at 27-61 Old Turnpike, Fareham.	This is a satisfactory water for a Public Supply.
8/11/38	620	Standpipe at Westbury Manor, Fareham	This is a satisfactory water for drinking and other domestic purposes.
23/11/38	669	Standpipe at 40 Serpentine Road, Fareham	This is a satisfactory water for a Public Supply.
19/12/38	743	Council Main (public supply) Fareham.	This is a satisfactory water for a Public Supply.

Specimen Copy of Water Analysis.

Report on Sample of Water taken 28th June, 1938. Received 28th June, 1938, from Fareham Public Supply, "Four Oaks," Highlands Road, Fareham, for Chemical Analysis and Bacteriological Examination.

Physical Properties and Chemical Analysis.

SMELL WHEN HEATED—Natural. TURBIDITY—Clear.
SUSPENDED MATTER—None.

			Parts per 100,000 (x. 7 = grains per gall.)
Free and Saline Ammonia	...	...	0.0045
Albuminoid Ammonia	...	...	0.004
Oxygen absorbed in 4 hrs. at 27°c.	...	...	0.03
Nitrogen present as Nitrites	...	...	Nil
Total Solids dried at 100°c.	...	...	Nil
Dissolved Solids dried at 100°c.	...	...	35.8
Suspended Solids dried at 100°c.	...	...	Nil
Chlorine (x. 1.648 = common salt)	...	...	1.9
Poisonous Metals	...	...	Nil
Iron	...	...	Nil
Alkalinity to Methyl Orange	...	...	21.8
Alkalinity to Phenolphthalein (= free Alkali)	...	...	Nil
P.H. value	...	...	7.2

Bacteriological Examination.

Number of organisms per m.l. capable of growing upon agar at 37°c. in two days	...	...	...	4
Number of organisms per m.l. capable of growing upon gelatine at 22°c. in two days	...	...	...	9
Number of organisms per m.l. capable of growing upon lactose Bile Salt agar in two days	...	...	...	None
Organisms giving acid and gas in Bile Salt lactose broth present in	...	...	...	Nbne in 100 m.l.
Bacillus Coli. present in	...	...	None in	100 m.l.

This is a satisfactory water for a Public Supply.

(Signed) H. LESLIE CRONK,
County Medical Officer.

5th July, 1938.

With regard to the quality of the water, it has been wholesome and satisfactory, except on rare occasions early in the year, when it was barely up to the standard required for a Public Supply.

Precautions are being made that the quality will remain good in future.

PORTCHESTER AND CROFTON.—As regards these wards, reports on samples are periodically received and have been consistently satisfactory.

SARISBURY, TITCHFIELD AND WARSASH.—Water is supplied by the Southampton Waterworks Company, but I do not receive reports on the quality of this water.

OTHER SUPPLIES.—There are still a number of shallow wells existing in the District, and whenever practicable, the Council contribute towards the cost of extending the mains as occasion arises.

Drainage and Sewerage.

FAREHAM.—The Sewage Disposal Works are being enlarged in order to deal with the additional sewage from Portchester and Crofton. These works have already been commenced.

CROFTON AND PORTCHESTER.—The work of providing a sewerage system for these two wards is now nearing completion, and it is hoped that in my next report I shall be able to say that many of the properties have been connected to the new sewers.

SARISBURY.—A Sewerage System constructed to receive drainage from the Housing Site at Addison Road is working satisfactorily.

TITCHFIELD.—The Disposal Works are situate in the South of the ward.

Rivers and Streams.

There was some pollution of a stream from drainage from cesspits, which matter was satisfactorily dealt with.

The effluent from the Disposal Works at Titchfield discharges into the River Meon, without giving rise to any complaints.

Closet Accommodation.

Conversions:—No. of Privy Closets to W.C's.	2
No. of Pail Closets to W.C's. ...	22

PUBLIC CLEANSING.—House refuse is collected once weekly in the whole of the District, with the exception of outlying areas.

The work in the Fareham wards is done by direct labour. A 10 cubic yard freighter is used for this purpose and is proving satisfactory.

In other wards the work is done by contract, horses and lorries being employed.

The Council has now six mechanical vehicles for emptying cesspools, and this number is insufficient to deal with the cesspools, additional vehicles having to be hired as necessary.

Sanitary Inspection of the Area.

Summary of Inspections and Work Done.

	Number of		Notices		Nuisances abated or Defects remedied after action		Remarks
	Inspect'ns and Re-inspect'ns	Defects	Informal	Statutory	Inspector	Authority	
Structural { Housing Acts	1018	84	84	15	63	25	26 demoli- shed
Public Health Defects { Acts	316	48	48	—	37	—	
Overcrowding ...	424	—	—	—	22	—	9 remain
Drains and Cesspools ...	551	138	137	—	136	—	
Water and Pail Closets ...	63	11	11	—	11	—	1 demoli- shed
Keeping of Animals ...	33	3	3	—	3	—	
Ashpits and Privies ...	26	12	12	3	7	3	
Water Supply ...	98	24	24	—	12	4	
Refuse and Manure ...	47	14	13	—	13	—	
Pools and Ditches ...	68	16	16	—	10	—	
Tents, Vans and Sheds ...	127	22	18	3	15	1	
Pigsties ...	26	3	3	—	3	—	
Dairy Farms ...	232	22	21	—	19	—	
Milkshops and Stores ...	109	2	2	—	2	—	
Bakehouses ...	63	8	8	—	10	—	
Factories and Workshops							
(excluding Bakehouses)	125	7	7	—	4	—	
Slaughterhouses ...	633	4	4	—	3	—	
Foodshops ...	513	3	3	—	3	—	
Shops (excluding Food Shops)	120	9	9	—	9	—	
Lodging Houses ...	37	1	—	1	—	1	
Offensive Trades ...	13	1	—	—	—	—	
Markets ...	48	—	—	—	—	—	
Holiday Camps ...	14	—	—	—	—	—	
Verminous Premises ...	80	22	—	—	22	—	
Infectious Diseases ...	202	—	—	—	—	—	
Public Buildings ...	17	—	—	—	—	—	
Miscellaneous ...	47	—	—	—	—	—	
TOTAL ...	5010	454	423	22	404	34	

Report re Factories and Workshops.

1.—Inspections for purposes of provisions as to health including inspections made by Sanitary Inspector.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers Prosecuted (4)
Factories with mechanical power ...	83	5	—
Factories without mechanical power	90	7	—
Other Premises under the Act (including works of building and engineering construction but not including outworkers' premises) ...	15	3	—
TOTAL ...	188	15	—

2.—Defects found.

Particulars (1)	Number of Defects			Number of defects in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of Cleanliness (S.1) ...	3	3	—	—
Overcrowding (S.2) ...	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—
Inadequate ventilation (S.4) ...	—	—	—	—
Ineffective Drainage of floors (S.6)	—	—	—	—
Insufficient ...	4	4	—	—
Sanitary Conveniences (S.7)				
Unsuitable or defective ...	4	4	—	—
Not separate for sexes ...	—	—	—	—
Other offences ...	4	3	—	—
(Not including offences relating to Home Work or offences under the sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937.)				
TOTAL ...	15	14	—	—

Shops Act, 1934.

120 Shops were inspected under this Act during the year. It was not found necessary to take any action.

Smoke Abatement.

No cases have arisen requiring the Council's attention.

Swimming Baths and Pools.

There are no such Baths open to the public within the area.

Eradication of Bed Bugs.

				<i>Infested.</i>	<i>Disinfested.</i>
1.	Council Houses	...	...	—	—
	Other Houses	...	...	16	16
2.	Methods employed for freeing infested houses from bed bugs—Zaldecide Spray.				
3.	An inspection of prospective tenants' houses is carried out before the removal to Council houses.				
	No action was found necessary to deal with verminous belongings.				
4.	Works of disinfestation are carried out by the Local Authority.				
5.	In order to prevent infestation or re-infestation after cleansing, tenants are instructed as to cleanliness and after, check visits are made.				

Schools.

There are 14 Schools in the District. With one exception the Schools are supplied with water from the water mains. The quality of well water at Hook Schools is not satisfactory, and as a temporary measure drinking water is conveyed to the School in a 20-gallon covered container.

With regard to the prevention of the spread of infectious disease, the practice is to isolate all contacts, spray patient's desk, etc., after every case, and when necessary, to disinfect the School-room or School. In the case of Diphtheria all contacts have their noses and throats cultured for the casual organism.

Section D.—Housing.

Housing Statistics (Public Health).

1. <i>Inspection of Dwelling-houses during the Year.</i>			
(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	627
	(b)	Number of inspections made for the purpose	1912
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	83
	(b)	Number of inspections made for the purpose	97
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	3
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	80
2. <i>Remedy of Defects during the Year without Service of formal notices.</i>			
		Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	319
3. <i>Action under Statutory Powers during the Year.</i>			
A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:			
(1)		Number of dwelling-houses in respect of which notices were served requiring repairs	15
(2)		Number of dwelling-houses which were rendered fit after service of formal notices:	
	(a)	By owners	25
	(b)	By local authority in default of owners	—
B.—Proceedings under Public Health Acts:			
(1)		Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	7
(2)		Number of dwelling-houses in which defects were remedied after service of formal notices:	
	(a)	By owners	9
	(b)	By local authority in default of owners	—

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936:			
(1)	Number of dwelling-houses in respect of which Demolition Orders were made	... ..	3
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	... ..	10
(3)	Number of dwelling-houses demolished after informal action	... ..	2
(4)	Number of dwelling-houses demolished (Clearance Areas)	... ..	10
D.—Proceedings under Section 12 of the Housing Act, 1936:			
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	... ..	—
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	... ..	—

Housing Act, 1936—Part IV—Overcrowding.

(a)	(1)	Number of dwelling-houses overcrowded at the end of the year	... ..	9
	(2)	Number of families dwelling therein	...	9
	(3)	Number of persons dwelling therein	...	66
(b)		Number of new cases of overcrowding reported during the year	... ..	—
(c)	(1)	Number of cases of overcrowding relieved during the year	... ..	22
	(2)	Number of persons concerned in such cases	...	170
(d)		Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	... ..	—
(e)		Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	... ..	—

General Remarks.—During the year 1,053 houses have been built by private enterprise, 153 additions to existing buildings and 425 other buildings.

The following houses were erected by the Council during the year:—

Housing Act, 1930.—Fareham 12, Crofton 2, Titchfield 2.

Housing Act, 1935.—Fareham 4.

The total number of houses that have been erected under the

Housing Acts 1919-35 are:—

Crofton 46; Fareham East 46; Fareham West 12; Portchester 80; Sarisbury 70; Titchfield 94; Warsash 54. Total 402.

Section E.—Inspection and Supervision of Food.

Milk Supply.—There are 51 dairy farms, 6 milk shops and 13 milk stores in the District, also 71 retail purveyors of milk, 16 of whom supply milk from premises outside the District. The approximate number of cows is 850. The majority of the cowsheds are satisfactory, and the remainder are gradually being brought up to the required standard.

Tuberculous Milk.—Examination of specimens for Tuberculous Milk is now carried out by the County Council.

SUPPLEMENTARY LICENCES.—Tuberculin Tested	...	3
Pasteurized	...	2

Meat and other Foods.—Slaughterhouses and shops continue to be systematically and regularly visited.

The table opposite shows the particulars of carcasses inspected and condemned.

For details of condemnations see Chief Sanitary Inspector's Report (page 32).

BAKEHOUSES.—Bakehouses continue to be kept in a clean and satisfactory condition.

Carcases Inspected and Condemned.

	Cattle (excluding Cows)	Cows	Calves	Sheep and Lambs	Pigs
Number killed ...	182	10	355	1215	2033
Number inspected ...	140	10	209	673	2020
Percentage ...	76.9%	100%	58.8%	55.4%	99.3%
All diseases except Tuberculosis : Whole carcasses condemned ...	0	0	0	3	4
Carcases of which some part or organ was condemned ...	1	1	0	4	21
Percentage of the num- ber inspected affected with disease other than T.B. ...	.70%	10%	0.0%	1.04%	1.02%
Tuberculosis only : Whole carcasses con- demned ...	0	1	0	0	9
Carcases of which some part or organ was condemned ...	0	0	0	0	49
Percentage of the num- ber inspected affected with T.B. ...	0.0%	10%	0.0%	0.0%	2.08%

ADULTERATION, ETC.—The carrying out of the duties under Food and Drugs (Adulteration) Act, 1928, etc., are done by the County Council Officers. The following samples were obtained during the year:—

<i>Article.</i>			<i>Genuine.</i>	<i>Unsatisfactory.</i>
Arrowroot	...	...	1	—
Aspirin	...	...	1	—
Butter	...	...	5	—
Cheese	...	...	1	—
Cinnamon Tablets	...	...	1	—
Cocoa	...	...	1	—
Coffee	...	...	2	—
Custard Powder	...	...	1	—
Eucalyptus	...	...	1	—
Flour, Self-Raising	...	...	1	—
Gin	...	...	2	—
Glycerine	...	...	1	—
Jam	...	...	3	—
Lard	...	...	1	—
Lemon Curd	...	...	1	—
Marmalade	...	...	1	—
Meat, tinned	...	...	1	—
New Milk	...	...	66	—
Quinine Amm. Tinct.	...	...	1	—
Rice	...	...	1	—
Sandwich Spread	...	...	1	—
Sausage	...	...	5	—
Semolina	...	...	1	—
Suet	...	...	1	—
Sulphur Tablets	...	...	1	—
Tea	...	...	2	—
Whiskey	...	...	2	—
Total			106	—

Nutrition.—Lectures and personal consultations are given by me in Welfare Centres and in Schools on the importance of adequate nutrition.

Section F.—Prevalence of and Control over Infectious and other Diseases.

Diphtheria.—There were 15 cases of Diphtheria, all of which were of a mild type.

Facilities are available for the supply of Diphtheria Anti-toxin to private practitioners without charge, for the early treatment of suspected cases.

Scarlet Fever.—116 cases of Scarlet Fever occurred, 98 of which were admitted to the Isolation Hospital.

Six patients developed complications requiring surgical treatment and were sent to the Portsmouth Infectious Diseases Hospital.

One patient was sent to the Portsmouth Infectious Diseases Hospital with cellulitis of the neck and died there.

Enteric Fever.—One patient admitted to Hospital was found to be suffering from Para Typhoid B. contracted during a Mediterranean cruise. The patient made a good recovery.

Puerperal Pyrexia.—There were 7 cases notified during the year.

Small Pox.—There were no cases during the year.

Pneumonia.—There were 45 notifications—the same as the previous year.

Ophthalmia Neonatorum.—There were 4 cases notified during the year.

Erysipelas.—There were 16 notifications.

Immunisation against Diphtheria.—The scheme has been extended to include school children under 14 years of age.

The following is a summary of treatments carried out:—

1ST DOSE.

Age in years	1		2-5		6-14		Total	
	M	F	M	F	M	F	M	F
Pre-school age	12	12	52	52	—	—	64	64
School Children	—	—	—	—	209	231	209	231
	12	12	52	52	209	231	273	295

2ND DOSE.

Age in years

Pre-school age

School Children

1		2-5		6-14		Total	
M	F	M	F	M	F	M	F
9	8	38	48	—	—	47	56
—	—	—	—	187	217	187	217
9	8	38	48	187	217	234	273

GRAND TOTAL.

1ST DOSE.

2ND DOSE.

Boys

273

Boys

234

Girls

295

Girls

273

568

507

Verminous Persons.—There are no facilities for the cleansing of verminous persons, but verminous premises are fumigated when required.

Mosquitoes.—Systematic spraying is carried out of all pools, ditches and ponds found to be breeding grounds for mosquitoes.

Rodents.—The duties under the Rats and Mice (Destruction) Act now devolve on the Local Authority and are supervised by the Chief Sanitary Inspector, who has been appointed the authorised officer.

**Notifiable Infectious Diseases (other than Tuberculosis)
during the year 1938.**

Disease	Total Cases Notified	Cases admitted to Hospital	Total Deaths
Small Pox	—	—	—
Scarlet Fever	115	98	1
Diphtheria	*20	*20	—
Enteric Fever (including Para Typhoid)	1	1	—
Puerperal Pyrexia	7	—	—
Pneumonia	45	—	11
Erysipelas	16	—	—
Ophthalmia Neonatorum...	4	3	—
	202	122	12

*Which includes carriers and mis-diagnoses.

Notifiable Infectious Diseases set out in Age Groups.

Disease.	Under one year	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	Total
Small Pox	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	1	6	5	7	14	16	19	5	8	5	—	—	116
Diphtheria	—	—	—	2	2	5	7	1	3	—	—	—	*20
Enteric Fever (including Para-Typhoid)	—	—	—	—	—	—	1	—	—	—	—	—	1
Puerperal Pyrexia	—	—	—	—	—	—	—	—	7	—	—	—	7
Pneumonia	1	3	1	3	—	8	2	—	4	6	7	10	45
Erysipelas	1	—	—	1	—	—	—	1	2	1	8	2	16
Ophthalmia Neonatorum	4	—	—	—	—	—	—	—	—	—	—	—	4
	7	9	6	13	16	59	29	7	24	12	15	12	209

*Which includes carriers and mis-diagnoses.

Notifiable Infectious Diseases set out in Wards.

Disease.	Crofton	Fareham East	Fareham West	Portchester	Sarisbury	Titchfield	Warsash	TOTAL
Small Pox	—	—	—	—	—	—	—	—
Scarlet Fever	6	17	27	48	9	5	4	116
Diphtheria	1	4	5	4	6	—	—	*20
Enteric Fever (including Para-Typhoid)	—	1	—	—	—	—	—	1
Puerperal Pyrexia	2	2	2	—	—	1	—	7
Pneumonia	5	5	14	15	2	4	—	45
Erysipelas	2	1	8	1	2	2	—	16
Ophthalmia Neonatorum	1	1	2	—	—	—	—	4
	17	31	58	68	19	12	4	209

*Which includes carriers and mis-diagnoses.

Prevention of Blindness.—No action was taken by the Local Authority under Section 66 of the Public Health Act, 1925.

Tuberculosis.

New Cases and Mortality, 1938.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	1	—	—	—	—	—
1	—	—	1	2	—	—	1	—
5	1	—	1	1	—	1	—	—
15	6	4	—	3	2	1	—	—
25	—	7	—	1	1	1	—	—
35	3	4	—	—	3	1	—	—
45	3	2	—	—	1	—	—	—
55	—	—	—	—	—	—	—	—
65 and upwards	—	—	—	—	—	—	—	—
	13	17	3	7	7	4	1	—

The notification of Tuberculosis in this District is satisfactorily carried out by the Medical Practitioners.

No action has been found necessary under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 52, Public Health Act, 1925.

I have the honour to be, Ladies and Gentlemen,

Your obedient Servant,

A. R. GRAHAM,

M.B., CH.B., D.P.H.,

Medical Officer of Health.

FAREHAM,

June, 1939.

Fareham Urban District Council

Annual Report

OF THE

Chief Sanitary Inspector

1938

FAREHAM URBAN DISTRICT COUNCIL.

Annual Report of the Chief Sanitary Inspector, 1938.

Summary of Inspections.

Structural Defects—Housing Acts	...	...	...	1018
Public Health Acts	...	...	...	316
Overcrowding	...	...	...	424
Drains and Cesspools	...	...	...	551
Water and Pail Closets	...	...	...	6633
Keeping of Animals	...	...	...	33
Ashpits and Privies	...	...	...	26
Water Supply	...	...	...	98
Refuse and Manure	...	...	...	47
Pools and Ditches	...	...	...	68
Tents, Vans and Sheds	...	...	...	127
Pigstyes	...	...	...	26
Dairy Farms	...	...	...	232
Milk Shops and Stores	...	...	...	109
Bakehouses	...	...	...	63
Factories and Workshops (excluding Bakehouses)	...	...	...	125
Slaughterhouses	...	...	...	633
Food Shops	...	...	...	513
Shops (excluding Food Shops)	...	...	...	120
Lodging Houses	...	...	...	37
Offensive Trades	...	...	...	13
Markets	...	...	...	48
Holiday Camps	...	...	...	14
Verminous Premises	...	...	...	80
Infectious Diseases	...	...	...	202
Public Buildings	...	...	...	17
Miscellaneous	...	...	...	47
TOTAL				5010

Housing Inspections.

This branch of the work is steadily increasing, with satisfactory results.

The number of inspections carried out during the year was 1018. 88 houses were rendered fit and 26 demolished.

316 inspections of dwelling-houses were made for structural defects under the Public Health Act.

Repairs were carried out to 37 houses.

Overcrowding.

The work of compiling a complete card index of all working-class houses in the District continues.

Particulars of a further 671 houses were entered on cards during the year, making a total of 2,673 houses with measurements of rooms recorded.

Drains and Cesspools.

551 inspections of drains and cesspools were made during the year. In 136 instances the defective conditions were remedied, which included new drainage to 32 houses, 9 new cesspools constructed, 85 repairs to existing drains or cesspools, and 6 cesspools abolished.

Closet Accommodation.

85 inspections of Water Closets, Earth Closets and Privies were made, with the following results:— 13 new Water Closets provided, 14 Water Closets repaired, 2 Earth Closets repaired, 22 Earth Closets converted to Water Closets, and 2 Privies converted to Water Closets.

Water Supply.

98 inspections were carried out during the year, and the water supply to 15 houses was found to be unsatisfactory.

8 wells were closed, 2 wells repaired, and water laid on to 12 houses from the Company's main.

The following is a summary of the Chemical and Bacteriological Analyses of water samples obtained during the year:—

<i>Source.</i>	<i>Address.</i>	<i>Result of Analysis.</i>
Well	Little Park Farm ...	... Polluted
Well	Admirals Road, Sarisbury	... Polluted
Well	Admirals Road, Sarisbury	... Polluted
Well	Common Lane, Titchfield	... Fairly satisfactory
Well	Daisy Lane, Sarisbury ...	... Slightly contaminated
Well	Duncan Road, Park Gate	... Polluted
Well	Warsash Bottom, Warsash	... Fairly satisfactory
Well	Warsash Bottom, Warsash	... Polluted
Well	Brownwich Farm Camping Ground	Satisfactory
Well	Fleet End, Warsash ...	... Satisfactory
Well	The Willows, Fleet End, Warsash	... Satisfactory
Well	Fleet End Bottom, Warsash	... Satisfactory
Well	Fleet End Bottom, Warsash	... Satisfactory
Well	" Ankers," Crofton Lane, Stubbington	Polluted

<i>Source.</i>	<i>Address.</i>	<i>Result of Analysis,</i>
Well	Haywood House, Lower Swanwick Lane	Seriously polluted
Well	" Fernhurst," Peters Road, Sarisbury	Polluted
Tap	40 Serpentine Road, Fareham ...	Barely comes up to the standard for a Public Supply

MILK AND DAIRIES ORDER, 1926.

The reconstruction and improvement of Cowsheds continues, and systematic inspections are carried out.

Three cowsheds, two dairies, and four Retail Purveyors of Milk were registered during the year, and one dairy was removed.

The following tables show particulars of Registration and details of work done:—

REGISTRATION.

	<i>1st Jan., 1938.</i>	<i>Registered.</i>	<i>Removed.</i>	<i>31st Dec., 1938.</i>
Cowsheds ...	48	3	—	51
Dairies ...	22	2	1	23
Retail Purveyors	67	4	—	71

DETAILS OF WORK DONE.

	Defects		Notices Served	Remedied		In Progress
	Struc-tural	Clean-liness		Struc-tural	Clean-liness	
Cowsheds	8	14	20	5	14	1
Dairies	2	—	2	2	—	—

Milk (Special Designations) Order, 1936.

Three licences were issued by the County Council to producers of Tuberculin Tested Milk as follows:—

Parker E. T., Charity Farm, Fareham.

" " Spurlings Farm, Fareham.

Rees-Reynolds K. C., Crofton House, Titchfield.

Seven licences were issued by the County Council to producers of Accredited Milk, as follows:—

House C. H. & Sons, Crofton Manor Farm, Stubbington.

" " Rome Farm, Stubbington.

" " Great Posbrooke Farm, Titchfield.

Parker E. T., Heytesbury Farm, Fareham.

Parrett S. F., The Dairy, Castle Street, Portchester.

Pink S. J., Whitedell Farm, Fareham.

Sims Mrs. B. B., Cams Alders Farm, Fareham.

The following persons were licensed during the year to retail graded milk within the District:—

Dealers (Retailing) Licence.

TUBERCULIN TESTED:

Mr. F. Stay, Portland Dairy, West Street, Fareham.
 Mr. F. M. Hounscome, Park and Fleet End Dairies, Park Gate.
 Mr. H. F. Luff, Myrtle Villas, Fleet End, Warsash.
 Mr. W. W. Pearce, 76 West Street, Portchester.
 Mr. R. Rowlands, Park Gate Dairy, Hunts Pond Road, Sarisbury.
 Mr. H. Smith, Peel Farm, Peel Common, Fareham.
 Mr. Wm. Goodenough, 130 Gosport Road, Fareham.
 Miss A. E. Hewett, Hollam Hill, Titchfield.

Supplementary Licence.

PASTEURISED:

Messrs. Streets Dairies, Ltd., 83-93 Duncan Rd., Southsea.
 Messrs. C. H. House & Sons, Privett, Alverstoke, Gosport.

TUBERCULIN TESTED:

Streets Dairies, Ltd., 83-93 Duncan Road, Southsea.
 Portsea Island Mutual Co-operative Society, 110 Fratton Road, Portsmouth.
 Messrs. Dyers Dairies, 71 Priory Road, Gosport.

Milk Special Designations Act, 1936.

LICENCES ISSUED.

	Tuberculin Tested			Pasteurised		
	1/1/38	New Licences	31/12/38	1/1/38	New Licences	31/12/38
Dealers' Licences	7	1	8	—	—	—
Supplementary Licences	3	—	3	3	—	2

Meat and Other Foods.

There are 13 slaughterhouses in the District, 4 being licensed and 9 registered.

During the year 633 visits of inspection were made, many taking place during the evening hours.

The following table gives the percentage of animals examined in slaughterhouses in relation to the number slaughtered:—

		<i>Slaughtered.</i>	<i>Exam'd.</i>	<i>Percentage of the number slaughtered.</i>
Cattle	... ..	192	150	78.1%
Calves	... ..	355	209	58.8%
Sheep and Lambs	... ..	1215	673	55.4%
Pigs	... ..	2033	2020	99.3%

The above figures do not include carcasses examined in the shops.

The following diseased and unsound meat and other foods were condemned during the year:—

TUBERCULOSIS.

Bovines:	1 whole carcase.
Swine:	9 whole pigs, 10 heads, plucks and intestines, 18 heads, 3 plucks and intestines, 9 plucks, 9 mesenteries.

OTHER DISEASES.

Bovines:	1 set of lungs, 1 liver.
Sheep:	4 whole carcasses, 1 part of carcase, 1 pluck, 1 liver.
Swine:	4 whole carcasses, 2 parts of carcase, 3 heads, 3 plucks, 13 livers.

OTHER FOODS.

6 lbs. pressed beef, 4 tins of loganberries, 588 haddocks.
Total weight of meat condemned:—
2 tons, 1 cwt., 19 lbs.

The Public Health (Meat) Regulations, 1924.

The requirements of the Regulations governing the slaughter of animals and the giving of notice of intention to slaughter were well observed during the year.

Slaughter of Animals Act, 1933.

The Act requires all slaughtermen to be licensed. 18 licences were issued during the year, and it was not found necessary to issue any warnings of breach of the provisions.

Shops.

During the year 513 inspections of the various foodshops were made. The general standard of our food supplies is satisfactory.

Disinfestation of Verminous Premises.

Eradication of Bed Bugs, other vermin and insect pests is carried out by the use of ZALDECIDE solution applied by hand spray. Wherever possible, interior woodwork such as skirting boards, mantels, etc., are loosened or removed, thoroughly sprayed and

replaced. Spraying is usually carried out on two occasions, with a lapse of 7-12 days between, although in some instances it has been found necessary to make three visits.

Total Premises Treated.	Whole House.		1-3 Rooms Only.		Total of Visits and Spraying.
	Discovered by Inspector	After Complaint	Discovered by Inspector	After Complaint	
22	10	3	5	4	80

INFESTATION.

<i>Bed Bugs.</i>	<i>Other Vermin.</i>	<i>Insect Pests.</i>	<i>Total.</i>
16	5	1	22

After spraying is completed, check visits are made at varying intervals.

Rats and Mice (Destruction) Act, 1919.

The County Council delegated the powers and duties exercised under the above Act on the 1st October, 1938, and I was appointed to carry out such duties.

Large posters were placed on Public Notice Boards and smaller posters in shop windows throughout the district.

Bulletin No. 30, issued by the Ministry of Agriculture and Fisheries, was sent to all Farmers, Market Gardeners, Corn Merchants, etc.

A supply of Rat Poison (Red Squill) is available at the office for distribution to persons requiring same, at a small charge.

At all corn stores and the larger factories, periodical extermination of rats takes place and on all land owned by the Local Authority, such as Refuse Dumps, Sewage Works, etc., concerted action is taken throughout the year.

Infectious Diseases.

Houses fumigated	...	...	...	146
Schools sprayed	...	...	...	60

Mosquitoes.

From May to October inclusive, weekly spraying with paraffin was carried out at all pools and ditches found to be breeding grounds for mosquitoes. This work is steadily increasing.

Complaints.

146 complaints were received. Action was taken in 116 instances, 3 were referred to other Departments, and no action was found necessary in 27 cases.

94 nuisances were abated.

Petroleum (Consolidation) Act, 1928.

87 licences were issued during the year and 193 inspections of premises were carried out. Generally speaking, the installations were satisfactorily maintained.

Total Bulk Storage of Petrol—97,170 gallons.

R. J. BAKER,

June, 1939.

Chief Sanitary Inspector.

ISOLATION HOSPITAL

REPORT

OF

Medical Superintendent.

URBAN DISTRICT COUNCIL OF FAREHAM.
RURAL DISTRICT COUNCIL OF DROXFORD.

*To the Chairman and Members of the
Isolation Hospital Joint Committee.*

Mr. Chairman, Ladies and Gentlemen,

I beg to present the Annual Report upon the work of the Isolation Hospital during the year ending the 31st December, 1938.

Staff.

I commenced duties as Medical Superintendent on the 24th October in place of Dr. W. F. T. McMath who resigned to go to a new post in September, 1938.

Dr. P. J. Filose acted as locum in the interval.

Miss E. MacKenzie, the matron in charge of the Hospital, resigned in December and went to Portsmouth to commence work for her C.M.B. Certificate.

A new cook was appointed to see to the cooking arrangements, her duties being in the day time only, and her residence being outside the Hospital.

The porter's lodge was completed and occupation entered into by the porter; the assistant porter living outside the Hospital as formerly.

Hospital Extension.

Plans for the cubicle block have not yet been finally approved by the Ministry of Health, while plans for extending the nurses' quarters, additions and modernisation of the laundry and a new disinfecter to replace the old one, are also in hand.

Patients were admitted from the Wards and Parishes as set out below :—

Ward or Parish	Diphtheria	Diphtheria Carriers	Scarlet Fever	Erysipelas	Meningitis	Typhoid
Fareham Urban District :						
Crofton	—	1	2	—	—	—
Fareham East	4	—	17	1	—	1
Fareham West	6	—	28	1	—	—
Portchester	4	—	43	—	—	—
Sarisbury	6	—	4	—	—	—
Titchfield	—	—	3	1	—	—
Warsash	—	—	1	—	1	—
Droxford Rural District :						
Boarhunt	—	—	2	—	—	—
Bishop's Waltham	—	—	1	—	—	—
Curbridge	—	—	2	—	—	—
Denmead	—	—	2	—	—	—
Durley	—	—	—	—	—	—
Hambledon	—	—	—	—	—	—
Shedfield	—	—	—	—	—	—
Soberton	—	—	4	—	—	—
Southwick & Widley	—	—	2	—	—	—
Upham	—	—	3	—	—	—
Wickham	2	—	4	—	—	—
Totals	22	1	118	3	1	1

Total — 146

One case of Scarlet Fever was admitted from Bishop's Waltham by special arrangement with the Droxford Rural District Council, this area not being included in the Agreement between the two Councils.

A case of Diphtheria was admitted from the Borough of Gosport, whilst repairs were being carried out at the Gosport Infectious Diseases Hospital.

Diphtheria.

Of the 22 patients admitted as suffering from Diphtheria, 4 proved to be Tonsillitis, 1 Tonsillitis and Quinsy, 1 Septic Scarlet Fever (Died in the Portsmouth Infectious Diseases Hospital), 1 Scarlet Fever and 1 merely a Carrier.

One patient was admitted as a Diphtheria Carrier.

Scarlet Fever.

Of the 118 patients admitted as suffering from Scarlet Fever, 1 proved to be Diphtheria, 1 Teething Rash, 1 Influenza, 1 Chronic Nasal Catarrh, 1 Bronchitis, and 1 Scarlet Fever and Measles.

Surgical Treatment.

Six patients developed complications of Scarlet Fever requiring surgical treatment, and were sent to the Portsmouth Infectious Diseases Hospital, the most general complication sent in being mastoid disease.

One patient was sent in with cellulitis of the neck, and died in the Portsmouth Infectious Diseases Hospital.

Typhoid.

One patient was admitted as Scarlet Fever, but on investigation was found to be suffering from Enteric Fever.

The organism responsible was Para Typhoid B, and was contracted whilst on a Mediterranean cruise.

The patient made a good recovery.

Meningitis.

One child, 1 1/12 years of age, who was admitted as a case of Meningitis, proved to be a case of Broncho-Pneumonia.

In conclusion I would like to express my appreciation of the keen interest taken by the Chairman and Members of the Joint Hospital Committee and for their helpful co-operation.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

A. R. GRAHAM,

Medical Superintendent.

March, 1939.

